IN THE CLAIMS

Kindly amend claims 1, 3, 39 and 41 as follows.

The following is a complete listing of revised claims with a status identifier in parenthesis.

LISTING OF CLAIMS

1. (Currently Amended) A method for controlling call admission to a communication system comprising:

assigning a ~~respective~~ unique overbooking factor to each of a plurality of service classes, thereby ensuring no two service classes have an identical ~~such that each service class is assigned a different~~ overbooking factor;

determining an effective bandwidth for each class based in part on said ~~respective~~ assigned overbooking factor;

determining a value of a free bandwidth in said communication system based in part on said determined effective bandwidth for each service class; and

admitting or rejecting said call based on said determined value for said free bandwidth.

2. (Original) The method according to claim 1, wherein said step of determining a free bandwidth further comprises:

determining a maximum bandwidth at a port in the communication system; and

subtracting at least a portion of the effective bandwidth for each class from said maximum bandwidth.

3. (Currently Amended) The method according to claim 2, wherein said step of subtracting further comprises:

dividing the effective bandwidth for each class by its ~~respective~~ assigned overbooking factor to produce a result; and

subtracting said result from said maximum bandwidth.

4. (Original) The method according to claim 1, wherein said step of admitting or rejecting further comprises:

admitting said call if said free bandwidth is greater than zero.

5. (Original) The method according to claim 4, wherein said step of admitting or rejecting further comprises:

rejecting said call if said free bandwidth is less than zero.

6. (Original) The method according to claim 1, wherein said plurality of service classes includes a constant bit rate class.

7. (Original) The method according to claim 1, wherein said plurality of service classes includes a variable bit rate class.

8. (Original) The method according to claim 7, wherein said variable bit rate class includes a real time variable bit rate class.

9. (Original) The method according to claim 7, wherein said variable bit rate class includes a non-real time variable bit rate class.

10. (Original) The method according to claim 1, wherein said assigned overbooking factor has a default value indicating no overbooking.

11. (Original) The method according to claim 10, wherein said default value is 1.

12. (Original) The method according to claim 1, wherein said communication system is an ATM network.

13. (Original) The method according to claim 1, wherein said communication system is an IP network.

39. (Currently Amended) An access terminal for performing call admission control for a communications system, comprising:

a multiplexer/demultiplexer unit; and

a programmed processor, coupled to said multiplexer/demultiplexer unit, operable to:

assign a ~~respective~~ unique overbooking factor to each of a plurality of service classes, thereby ensuring no two service classes have an identical ~~such that each service class is assigned a different~~ overbooking factor;

determine an effective bandwidth for each class based in part on said ~~respective~~ assigned overbooking factor;

determine a value of a free bandwidth in said communication system based in part on said determined effective bandwidth for each service class; and

admit or reject said call based on said determined value for said free bandwidth.

40. (Previously Presented) The access terminal according to claim 39, wherein said processor is operable to:

determine a maximum bandwidth at a port in the communication system; and

subtract at least a portion of the effective bandwidth for each class from said maximum bandwidth.

41. (Currently Amended) The access terminal according to claim 40, wherein said processor is operable to:

divide the effective bandwidth for each class by its ~~respective~~ assigned overbooking factor to produce a result; and

subtract said result from said maximum bandwidth.

42. (Previously Presented) The access terminal according to claim 39, wherein said processor is operable to:

admit said call if said free bandwidth is greater than zero.

43. (Previously Presented) The access terminal according to claim 42, wherein said processor is operable to:

reject said call if said free bandwidth is less than zero.

44. (Original) The access terminal according to claim 39, wherein said plurality of service classes includes a constant bit rate class.

45. (Original) The access terminal according to claim 39, wherein said plurality of service classes includes a variable bit rate class.

46. (Original) The access terminal according to claim 45, wherein said variable bit rate class includes a real time variable bit rate class.

47. (Original) The access terminal according to claim 45, wherein said variable bit rate class includes a non-real time variable bit rate class.

48. (Original) The access terminal according to claim 39, wherein said assigned overbooking factor has a default value indicating no overbooking.

49. (Original) The access terminal according to claim 48, wherein said default value is 1.

50. (Original) The access terminal according to claim 39, wherein said communication system is an ATM network.

51. (Original) The access terminal according to claim 39, wherein said communication system is an IP network.

52. (Original) The access terminal according to claim 39, wherein said access terminal is daisy chained to at least one other access terminal, each of said access terminals performing said method for controlling call admission independently of the other.